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› Kärcher K 7 Premium Power Pressure Washer Instruction Manual

Kärcher 1.317-170.0

Kärcher K 7 Premium Power Pressure Washer

Model: 1.317-170.0

Brand: Kärcher

1. INTRODUCTION

The Kärcher K 7 Premium Power is a high-performance pressure washer designed for frequent use and tackling heavy soiling. Its water-cooled motor ensures consistent performance and extended durability. This manual provides essential information for safe operation, setup, maintenance, and troubleshooting to ensure you get the most out of your device.

2. SAFETY INFORMATION

Always read and understand all safety warnings and instructions before operating the pressure washer. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

- **Personal Safety:** Always wear appropriate personal protective equipment, including safety glasses or goggles, and hearing protection. Do not operate the pressure washer barefoot or with open-toed footwear.
- **Electrical Safety:** Ensure the power supply matches the voltage specified on the product label. Use a ground fault circuit interrupter (GFCI) for electrical connections. Never operate the pressure washer with a damaged cord or plug.
- **Water Pressure Safety:** The high-pressure jet can be dangerous if misused. Never direct the jet at people, pets, electrical devices, or the unit itself. Keep hands and feet clear of the cleaning nozzle.
- **Children and Bystanders:** Keep children and bystanders away from the operating area. This appliance is not intended for use by persons with reduced physical, sensory or mental capabilities.
- **Chemicals:** Use only Kärcher approved detergents. Follow detergent manufacturer's instructions for use and disposal.

3. PRODUCT OVERVIEW

Familiarize yourself with the components of your Kärcher K 7 Premium Power pressure washer.



Figure 3.1: The Kärcher K 7 Premium Power Pressure Washer, showcasing its compact design and included accessories: the high-pressure gun, Vario Power jet pipe, and Dirt Blaster lance.

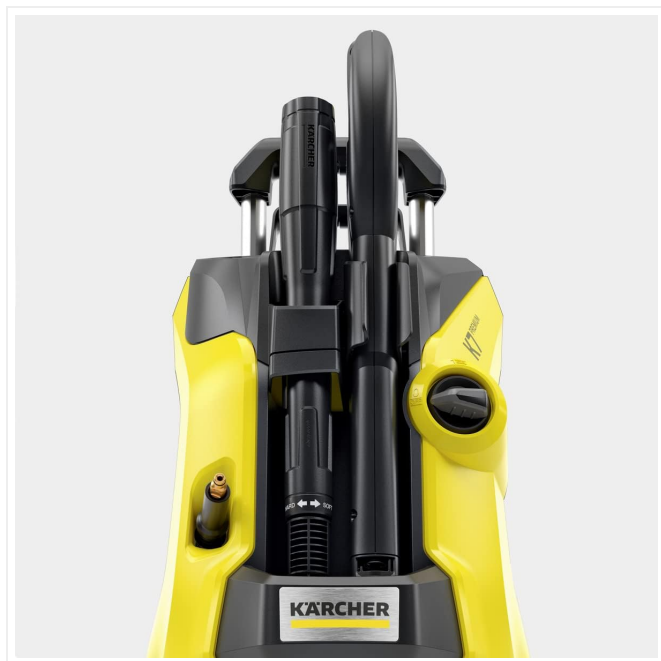


Figure 3.2: Integrated accessory storage on the back of the unit, providing convenient and secure placement for the lances when not in use.



Figure 3.3: The integrated hose reel allows for easy and tidy storage of the 10-meter high-pressure hose after use, preventing tangles and damage.



Figure 3.4: The Plug 'n' Clean system for easy insertion of Kärcher detergent bottles, simplifying the application of cleaning agents.



Figure 3.5: The extendable aluminum handle, shown in various positions, provides comfortable transport and can be retracted for compact storage.



Figure 3.6: Rear view of the pressure washer, highlighting the large wheels for easy maneuverability and the hose reel.

4. SETUP

Follow these steps to set up your pressure washer for first use.

1. **Unpacking:** Carefully remove all components from the packaging. Check for any damage during transit.
2. **Handle Assembly:** Extend the aluminum handle to its full operating position. Ensure it locks securely into place.
3. **Water Supply Connection:** Connect a garden hose (not included) to the water inlet on the pressure washer. Ensure the water filter is clean and properly inserted. Connect the other end of the garden hose to a water tap.
4. **High-Pressure Hose Connection:** Connect the high-pressure hose to the high-pressure outlet on the unit and to the high-pressure gun. Ensure all connections are secure.
5. **Lance Attachment:** Attach the desired lance (Vario Power or Dirt Blaster) to the high-pressure gun by twisting it into place until it clicks.
6. **Power Connection:** Plug the power cord into a suitable grounded electrical outlet. Ensure the outlet is protected by a GFCI.
7. **Priming the Pump:** Before turning on the unit, turn on the water tap completely. Squeeze the trigger on the high-pressure gun to allow air to escape and water to flow through the system until a steady stream of water emerges. This primes the

pump and prevents damage.

5. OPERATION

Operating your Kärcher K 7 Premium Power pressure washer is straightforward once set up.

5.1 Starting and Stopping

- **To Start:** After priming, turn the main switch on the unit to the 'ON' position. The motor will start when the trigger on the high-pressure gun is squeezed.
- **To Stop:** Release the trigger. The motor will stop. For extended breaks or when finished, turn the main switch to the 'OFF' position and turn off the water supply.

5.2 Using the Lances



Figure 5.1: The pressure washer effectively cleaning heavy dirt from a vehicle, demonstrating its powerful cleaning capability.



**Motore raffreddato ad acqua:
potenza costante senza mai surriscaldarsi**

Figure 5.2: Using the pressure washer to remove stubborn moss and grime from outdoor stone steps, restoring their appearance.

- **Vario Power Jet Pipe:** This lance allows you to adjust the pressure by simply twisting the nozzle. Turn it to the '+' position for higher pressure and '-' for lower pressure. This is ideal for various surfaces, from delicate car paint to robust patio slabs.



La lancia Mangiasporco è ideale per rimuovere lo sporco ostinato.

Figure 5.3: The Vario Power lance allows pressure adjustment with a simple twist, enabling versatile cleaning for different surfaces.

- **Dirt Blaster Lance:** This lance provides a rotating point jet, delivering maximum cleaning power for extremely stubborn dirt and large areas. It is not recommended for delicate surfaces.





Figure 5.4: The Dirt Blaster lance is ideal for removing stubborn dirt from hard surfaces like stone steps, providing concentrated cleaning power.

5.3 Using the Plug 'n' Clean System

To apply detergent, simply insert a Kärcher Plug 'n' Clean detergent bottle into the designated slot on the unit. The pressure washer will automatically draw the detergent when operating in low-pressure mode (e.g., when the Vario Power lance is set to 'MIX' or 'SOFT' for detergent application).

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your pressure washer.

- **Cleaning the Water Filter:** Regularly check and clean the water inlet filter to prevent debris from entering the pump. Remove the filter, rinse it under running water, and reinsert it.
- **Nozzle Cleaning:** If the nozzle becomes clogged, use the cleaning needle (if provided) to clear any obstructions.
- **Winter Storage:** If storing the unit in an area where temperatures may drop below freezing, it is crucial to drain all water from the pump, hose, and accessories to prevent damage from freezing. Run an anti-freeze solution through the pump if recommended by Kärcher.
- **General Cleaning:** Wipe down the exterior of the unit with a damp cloth. Do not use harsh chemicals or abrasive cleaners.



La lancia Vario Power permette di regolare la pressione con un semplice gesto.

Figure 6.1: Diagram illustrating the water-cooled motor, which ensures constant power and prevents overheating, contributing to the unit's long service life.

7. TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
No pressure or low pressure	Clogged nozzle; Air in pump; Insufficient water supply; Clogged water filter	Clean nozzle; Prime pump (squeeze trigger until steady flow); Ensure water tap is fully open; Clean water filter
Motor does not start	No power supply; Main switch off; Thermal overload	Check power connection and GFCI; Turn main switch to 'ON'; Allow motor to cool down
Pulsating pressure	Air in pump; Water supply restriction; Clogged nozzle	Prime pump; Check garden hose for kinks or blockages; Clean nozzle
Water leaks	Loose connections; Damaged O-rings	Tighten connections; Replace damaged O-rings

If problems persist after attempting these solutions, please contact Kärcher customer support.

8. SPECIFICATIONS

Technical data for the Kärcher K 7 Premium Power Pressure Washer.

Feature	Specification
Brand	Kärcher
Model Number	1.317-170.0
Power Source	Corded Electric
Power (Motor)	3000 W
Maximum Pressure	180 bar
Maximum Flow Rate	600 Liters Per Hour
Hose Length	10 Meters
Item Weight	19.69 Kilograms (43.3 pounds)
Product Dimensions (L x W x H)	18.07 x 12.99 x 26.22 inches
Color	Black, Yellow

9. WARRANTY AND SUPPORT

Kärcher products are built to high-quality standards and come with a manufacturer's warranty. For specific warranty details, please refer to the documentation included with your purchase or visit the official Kärcher website. Extended protection plans may also be available for purchase, such as a 2-Year or 3-Year Protection Plan, offering additional coverage beyond the standard warranty. For technical assistance, spare parts, or service inquiries, please contact Kärcher customer support through their official channels. Always have your model number (1.317-170.0) and purchase information ready when contacting support.

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